

apparatus under control of said first signal processing unit; and

a second signal processing unit for converting image data read out of said recording unit to image data of a screen size of said display apparatus.

2. (Amended) An image data conversion apparatus according to claim 1, wherein said first signal processing unit includes a conversion processing section for eliminating a predetermined number of lines from said decoded image data so that image data of a same number of lines as that of the display apparatus can be read out from said recording unit.

6. (Amended) An image data conversion apparatus according to claim 5, wherein a size of the image to be displayed on said display apparatus is a same size as Standard Definition Television (SDTV).

7. (Amended) An image data conversion apparatus according to claim 6, wherein said conversion processing section eliminates data of every sixth line of said decoded image data of Common Intermediate Format (CIF) type.

8. (Amended) An image data conversion apparatus according to claim 7, wherein at each time when one line data is read out from said recording unit, said second signal processing unit adds said one line data and one line before at a predetermined ratio to generate image data of one line to be displayed on said display apparatus.

9. (Amended) An image data conversion apparatus according to claim 1, wherein said transmitted compressed image data is of MPEG-4 compression type.

10. (Amended) An image data conversion apparatus for converting compressed image data transmitted in a units of a field into image data of a different format and displaying the converted image data on a display apparatus, comprising:

a first signal processing unit for receiving said compressed image data in the unit of the field and decoding said compressed image data;

a recording unit for recording the decoded image data, said recording unit reading out said image data one line by one line at a scanning line period of said display apparatus under control of said first signal processing unit; and

a second signal processing unit for converting image data read out from said recording unit into image data of a screen size of said display apparatus, said second signal processing unit including an inverse converter for converting said image data of each field into an odd field image data and an even field image data.

11. (Amended) An image data conversion apparatus according to claim 10, wherein a type of image read out from said recording unit is of Common Intermediate Format (CIF), and a size of image to be displayed on said display apparatus is a same size as Standard Definition Television (SDTV).

12. (Amended) An image data conversion apparatus according to claim 10, wherein said inverse converter includes a line memory by which said image data of each line

read out from said recording unit is delayed by one line, and a digital filter for receiving image data of a current line and said image data of one line before from said line memory, multiplying both of said image data by predetermined conversion coefficients, respectively, and adding data resulting from the multiplications.

13. (Amended) An image data conversion apparatus according to claim 10, wherein said first signal processing unit includes a conversion processing section for eliminating a predetermined number of lines from said decoded image data so that image data having a same number of lines as that of either one of an odd field an even field of said display apparatus is read out from said recording unit.

15. (Amended) An image data conversion apparatus according to claim 10, further comprising a bus for connecting said first and second signal processing units, wherein said recording unit is connected to said bus, and wherein said image data from said first signal processing unit is stored in said recording unit and read out at every line so as to be supplied to said second signal processing unit.

16. (Amended) An image data conversion method for converting transmitted compressed image data into image data of a different format and displaying the converted image data on a display apparatus, comprising the steps of:

decoding said compressed image data;

recording said decoded image data;

reading out said recorded image data one line by one line at a scanning line

period of said display apparatus; and

converting image data read out of said recording unit into image data of a screen size of said display apparatus.

17. (Amended) An image data conversion method according to claim 16, wherein said step of reading out includes a step of eliminating a predetermined number of lines from said decoded image data so that image data having the same number of lines as that of said display apparatus is read out.

20. (Amended) An image data conversion method according to claim 18, wherein said step of reading out includes a step of eliminating said decoded image data at every sixth line of said decoded image data of Common Intermediate Format (CIF) type.

21. (Amended) An image data conversion method according to claim 20, wherein said step of eliminating includes, at each time when one line data is read out, a step of adding said one line data and one line data before at a predetermined ratio to produce one line of image data to be displayed on said display apparatus.

22. (Amended) An image data conversion method according to claim 16, wherein said transmitted compressed image data is of Common Intermediate Format (CIF) type, said screen size of said display apparatus is of Standard Definition Television (SDTV) having each frame constituted by odd and even fields, and said step of eliminating includes a step converting said image data of Common Intermediate Format (CIF) type into image data

of odd field, and then into image data of even field.

23. (Amended) An image data conversion method according to claim 22, wherein said step of converting includes a step of delaying the image data of each line by one line period in a line memory, multiplying image data of a current line and image data of one line before by predetermined conversion coefficients, respectively, and adding said multiplied data in a digital filter.

24. (Amended) An image data conversion method according to claim 22, wherein said step of reading out includes a step of eliminating a predetermined number of lines so that image data having a same number of lines as that of an odd field or an even field of said display apparatus is generated.

25. (Amended) An image data conversion method according to claim 24, wherein said predetermined number of lines removed from said decoded image are same lines for the odd and even fields.

26. (Amended) An image data conversion method according to claim 22, wherein said decoded image data is stored in a recording unit and read line by line.